

Salinization of soils in the Azov Irrigation
System Area, Rostov Region, by Ye. N. Bud'ko. 10 pp.

RUSSIAN, par, Pochvovedeniye, No 4, 1958, pp 74-83.

AJBS

Sci -
Jan 61

12/1/61

Agricultural-Chemical Characteristics of the Terek
River Deposits, by Ye. N. Bud'ko, pp. ~~645-649~~. 85-88.
645-648.
RUSSIAN, per, Pochvovedeniye, No 6, 1960 pp. ~~85-88~~.

AIBS

Sci

167, 499

Sept 61

Proceedings of the All-Union Scientific Meteorological
Conference, Volume 1, by M. I. Rudiyko, 267 pp.
RUSSIAN, per, Trade Vsesoyuznaya Meteorol
Sovetskaya, 1962. 9222723-V
NASA TT F-168

Sci - Astro
Jul 64

262,733

STUDENT RADIO OPERATORS ASSIMILATE THE
ST-35 TELETYPEWRITER, BY K. NIKOLAEVSKIY,
M. BUDHCHENKO, 3 PP.

RUSSIAN, PER, VOYENNY VESTNIK, NO 1, 1962.

ACSI 1-0424-A
ID 2191530

SC1

19 JUL 62

203,604

Tests With The Impulse Measuring Method, by Guntbert
Budnick, 23 pp.

GERMAN, pap, VDI-Forschungsheft, Vol XXIV, No 4/0.
1958, pp 39-50.

CIA/FDD XX-796
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Mar 60
FOR INTERNAL USE ONLY

110,352

The Use of Copper-Oxide Rectifiers VKG-100A and VKG-100M Arc Welding Supply, by N. M. Budnik, L. M. Ronskiy, 3 pp,

RUSSIAN, per, Svaroch Proiz, No 4, 1961, pp 38-.

BWRA

Sci
May 62

195,222

Urgent Problems of Further Improvement of
Training Welding Engineers, by N. M. Budnik,
M. M. Dubashinskiy.

RUSSIAN, per, Svarochmoye Proiz, No 9, 1961,
pp 29-31.

NASA TT F-8145

Sci

185,919

6 Mar 68

US GOV'T ONLY

Automatic Arc Spot Welding, by N. M. Budnik,
V. D. Zolotykh, R. M. Gufan, et al, 5 pp.

RUSSIAN, per, Svaroch Proiz, No 5, 1960,
pp 32-35.

BWRA

Sci

158, 484

Jun 61

New Data on the Mechanism Controlling the
Transmission of Trypanosoma Equi to Horses by
Dermacentor Marginatus Sulz, by V. Budnik
RUSSIAN, per, Veterinariya, Vol. 32, No. 8
1955, pp 36-43
CSIRO/No. 6992

V. BUDNIK

Sci -
Aug 67

335-957

New Data on the Mechanism Controlling the Transmission of Nuttallia Equi to Horses by Dermacentor Marginatus Sulz, by V. Budnik.
RUSSIAN, per, Veterinariya, Vol 32, No 8, 1955,
pp 36-43
CSIRO/No 6592

V. Budnik

Sci -
Jul 67

354,197

New Data on the Mechanism Controlling the
Transmission of *Mutallia Equi* to Horses by
Dermacentor Marginatus Sals, by V.S. Budnik.
RUSSIAN, per, Veterinariya, 1955, vol. 32,
no. 8, pp. 36-43.
OTS-TT-64-19853

V. S. Budnik

Agric
Aug 66

307,721

Contributions to the Study of the Reduction of
Sodium Sulfate With Carbon, by P. P. Budnikoff,
A. H. Synozoff, 7 pp.

GERMAN, per, Zeitschrift für Anorganische und
Allgemeine Chemie, Vol 170, 1928, pp 229-232.
F511279267

AEC A1 Tr-239

P. P. Budnikoff

337,013

Sci - Materials
Sep 67

On the Reaction Between Sulfur and A Sulfur
Compound With Sarpene, by P. P. Budnikoff,
E. A. Schilow.

GERMAN, pub, Ber Deut Chem Ges, Berlin,
Vol LVB, 1922, pp 3848-3853.

Dept of Int
US Bur of Mines
Petroleum Exp Sta Lib
Bartlesville, Okla.
No 5

Sci - Chem

Apr 59

84, 614

Application of Polarography to Organic Chemistry,
by Yu. P. Kitayev, G. K. Budnikov, 20 pp.

RUSSIAN, per, Uspekhi Khim, No 6, 1962, pp 670-709.

CS

Sci
Mary 63

232,639

Tautomerism and Geometric Isomerism in Nitrogen Derivatives of Carbonyl Compounds. Communication 6. Polarographic Study of Semi- and Thiosemicarbazones of some Aliphatic and Alicyclic Ketones, by Yu. P. Kitaev, G. K. Buchikov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1962, pp 244-252.

Consultants Bureau

Sci
Dec 62

218,175

**The Polarographic Reduction of Semicarbazones and
Thiosemicarbazones, by Ya. P. Klayev, G. K. Medvedev,
6 pp.
RUSSIAN, per, Zhur Obsh Khim, Vol XXIII, No 3,
1944, pp 1406-1409.**

CB

Sci
Mar 44

252,907

Oscillographic Study of Some Semi- and
Thiosemicarbazones, by G. K. Budnikov and
Yu. P. Kitayev, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 2,
1962, pp 358-363.

CB

Sci

Feb 63

234,005

Tautomerism and Geometric Isomerism of Nitrogen-Containing Derivatives of Carbonyl Compounds.
Communication 5. Polarographic Study of Semicarbazones and Thiosemicarbazones of Aromatic Aldehydes,
by Yu. P. Kitayev, G. K. Budnikov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1961, pp 1772-1779.

CB

Sci

205,427

Jul 68

Continuous-Flow Techniques As A Condition for the Industrial
ization of Construction, by M. Budnikov, V. Rybal'sky, 11 pp.
RUSSIAN, per, Ekonomika, No 10, 1963, pp 13-20.
(Table of Contents)

JPRS 23176

USSR
Econ
Feb 64

249, 124

TT-65-63513

Field 11B

Budnikov, P.; Tresvyatski, S.
FUSABILITY CURVE OF THE SYSTEM CaO - CaF₂
(Diagramma Plavkosti Sistemy CaO - CaF₂). Tr. by
B. Ribush. 1965, 7p (foreign text included) 1ref.
CSIRO-Trans-7242.
Order from CFSTI, SLA, or ETC: HCS\$1.10, MFS\$0.50
as TT-65-63513

Trans. of Akademiya Nauk SSSR. Doklady v89 n3
p479-82 1953.
Another translation available from LC or SLA
MI \$1.80, ph \$1.80, as TT-61-13680.

I. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Feasibility Curve of the System $\text{CaO}-\text{C}_2\text{F}_6$, by
P. Budnikov, S. Tresvyatskii.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 89, No 3, 1953, pp 479-482.
OSIRO/No. 7242

P. Budnikov
Sci -
Jul 67

334,289

Effect of vapour pressure on the physico-mechanical properties of silicate bricks containing granular sodium silicate, by P. Budnikov, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 81, no 2, p 255-8, 1951.

SLA BR-3657

Sci

94,430

Aug 59

Method of Determination of Poison Wormwood, by P. I.
Budnikov. UNCLASSIFIED

RUSSIAN, no per, Veterinariya, Vol XIX, No 12,
Dec 1942, p 37.

USDA

Scientific - Biology

CTB/DEX

12,113

Determination of Phosphorus in Limestones
by Titration of Excess 8-Hydroxyquinoline,
by P. O. Buđnikov and S. S. Zhukovskaya,
7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944,
pp 165-169.

SLA R-2541

Sci

Aug 58

72, 803

The Technology of Ceramics and Refractories,
by P. P. Budnikov.
RUSSIAN, bk, 1964.
Edward Arnold Publishers Ltd.

P.P. Budnikov

Sci - M/M
May 66

301,174

On the Measurement of Cation Transfer Numbers in
the Liquid Phase of ~~Rock~~ Portland Cement Clinker,
by P. P. Budnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 6, 1962,
pp 1342-1345.

HL Ref: 5196 1963 (1 144)
(Loan)

Sci - M/M
Aug 63

343,377

Diffusion Coefficients of Calcium in the Liquid
Phase During Calcination of Portland Cement,
by P. P. Budnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIV,
No 1, 1962, pp 180-181.

NLL Ref: 5196 1963 (1162) (Loan)

Sci - M/M
Aug 63

243,376

Technology of Ceramics and Refractories, by
P. P. Budnikov, A. S. Berezhmoy, et al, 79 pp.

RUSSIAN, bk, Tekhnologiya Keramiki i Ogneuporov,
Gosudarstvennoye Izdatel'stvo Literatury po
Stroitel'stvy, Arkhitekture i Stroitel'ny
Materialam, Moscow, 1962, pp 374-396, 400-409,
421-429. 9683139

FTD-TT-63-104

Sci-Chem
Jun 63

232,449

Certain Scientific Problems in the Field of the
Chemistry and Technology of Refractories, by
P. P. Budnikov, 7 pp.

RUSSIAN, per, Ogneupory, No 7, 1962, pp 297-299.
9669373

UFD-TT-63-323

Sci.-Chem
July 63

235,829

Phase Transformations Occurring During the
Manufacture of Agloporite, by P. P. Bushnikov,
V. S. Gorshkov.

RUSSIAN, par, Stroitel' Materialy, Vol VIII,
No 2, 1962, pp 36-39.

WE NIIRef: 5196 1962 (1,126)
(loan)

236,058

Sc1 - M/M
Jul 63

Sintering Beryllium Oxide, by P. P. Budnikov,
A. A. Zvyagil'skiy, 6 pp.

RUSSIAN, per, Ogneupory, No 11-12, Nov-Dec, 1961,
pp 525-530.

Acta Metallurgica

Sci
May 64

259,201

61-15226

Budnikov, P. P. and Petrovykh, N. V.
EFFECT OF DISPERSION OF PASTE AND OF
STEAMING TEMPERATURE ON FORMATION AND
PROPERTIES OF SILICA BRICKS (Vliyaniye
Dispersnosti Massy i Temperatury Gidrotermal'noy
Obrabotki na Protsess Formirovaniya i Svoystva
Silikatnogo Stroitel'nogo Materiala) tr. by M. Slade.
[1960] [39]p. (foreign text included) 6 refs. Trans.
no. 4810.
Order from LC or SLA mi\$3.00, ph\$6.30 61-15226

Trans. of Khimiko-Tekhnologicheskii Institut.
Moscow. Trudy (USSR) 1957 [v. 22] no. 24, p. 96-110.

A study was made of the kinetics of hydrosilicate for-
mation and the dynamics of the hardening of the mate-
rial as a function of the composition of the paste, of
the dispersion of its components, and of the tempera-
ture of the hydrothermal treatment. Results showed
that the rate of inclusion of lime into calcium hydro-
silicates is proportional to the specific surface area of
(Materials--Refractories, TT, v. 5, no. 5) (over)

- I. Brick--Properties
- I. Budnikov, P. P.
- II. Petrovykh, N. V.
- III. CSIRO Trans-4810
- IV. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

The Influence of BeO and Technical Alumina Additions
on the Basic Properties of Electrical Porcelain,
by P. P. Budnikov, A. A. Zvyagil'skiy, 5 pp.

RUSSIA, N per, Steklo i Keramika, Vol XVI, No 7,
1959, pp 3-6.

CB

Sci
Sep 62

210,427

Measuring the Hardness of Electro-and Radio-
Technical Ceramics, by P. P. Budnikov, Ya. M. Kantor
5 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVIII,
No 5, 1961, pp 18-23.

CB

Sci
Apr 64

254,980

Some Observations on the Crystallization of Beryllium
Oxide From the Gas Phase, by P. P. Budnikov, N. V.
Shishkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII, No 5,
1961, pp 1093-1094.

CB

Sci

May 62

195,206

On the Question of the Composition of a
Binder Hardening at High Temperatures and
Pressures, by P. P. Budnikov, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 2, 1961, pp 363-365.

ALL M. 4770

Sci - Phys

Jul 62

204, 836

The Effect of Certain Cation Impurities on the
Sintering of Spectroscopically Pure Magnesium Oxide,
by P. P. Budnikov, T. M. Keshishyan, V. K. Yanovskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII, No 2,
1961, pp 365-368.

CB

195,188

Sci

May 62

On the Hydration of the Alumina-Containing
Minerals of Portland Cement in the Presence of
Micro-Admixtures of Carbonates, by P. P. Budnikov,
et al.

RUSSIAN, per, Trament, Vol XXVII, No 1, 1961,
pp 5-9.

ELL N. 4769

Sci - Chem

Jul 62

204,835

Graphite-Fireclay Ladle Refractories and the
Mechanism of Their Water, by P. P. Budnikov,
L. A. Tseimlin.

RUSSIAN, per, Zhur Prik Khim, Vol XIX, 1946,
pp 40-.

DSIR LLU M.1229
(loan)

Sci - Engr

Oct 60

128,876

Methods of High Temperature Thermal Analysis, by
P. P. Budnikov, S. G. Tresvyatskiy.

RUSSIAN, per, Ogneupory, Vol XX, No 4, 1955,
pp 166-173.

DSIR LLU M.1303
(loan)

Sci - Chem

Oct 60

128,742

The Effect of Additions of UO_2 and Certain Other
Oxides on Sintering, Grain Growth and Creep of
Beryllium Oxide, by N. V. Shishkov, P. P. Budnikov,
et al, 22 pp. 32

FRENCH, rpt, New Nuclear Materials Including
Non-Metallic Fuels, Prague, Vol I, 1963, pp 223-243.
9224493
AEC-GEMP-289

Sci-Mat & Met
Oct 64

267,814

The Effect of UO_2 and Other Oxides on the Sintering,
Recrystallization and Creep of Beryllium Oxide,
by I. V. Shishkov, P. P. Budnikov, et al. 26 pp.
GERMAN, rpt, New Nuclear Materials Including Non-
Metallic Fuels. Vol II Vienna, International Atomic
Energy Agency, 1963. pp 225-243. 9218265
AEC OCM-YR-1172(L)

P. P. Budnikov

Sci/Physics

May 66

301,069

Conference of Chemical Technologists in Slovakia;
~~Časopis Slovenskej Spoločnosti Chemikov, Prírodné~~
~~Slovensko-Slovenské Prírodné Slovenské Akadémie Vied~~
by P. Budnikov, P. Silin, 4 pp.

RUSSIA, no per, Zhur Prii Khim, Vol XXIX, No 12,
1956, pp 1896-1898.

Consultants Bureau

60, 827

Sci - Chem

Mar 58

(SF-1333)

Silicate Chemistry and Technology, by P. P.
Budinov, 11 pp.

RUSSIAN, per, Zhur Vsesoyuznogo Khim Obshch
imeni D. I. Mendeleeva, Vol V, No 2, May 1960,
pp 122-125.

JPRS 4329

Sci - Chem

Jan 61

138,623

Reactions in Solid Materials, by P. P. Budnikov,
A. M. Ginstling. *2 App.*

RUSSIAN, bk, 196¹, pp 295-302, 334-336, 355-358,
364-366. *9628083*

✓ *PTD TT 62-497

Sci - Phys, Engr
4 Apr 62

Reactions in Mixtures of Solids, by P. P. K
Budnikov, A. M. Gnistling, 564 pp.

RUSSIAN, bk, Reaktsii v Smesyakh Tverdykh
Veshchestv, Moscow, 1961, pp 1-424.
9668641-V

FTD-TT-62-911

Sci-Chem
May 63

229,780

Systems with Beryllium Oxide and Their Use
in Technology, by P. P. Budnikov, R. A.
Belyayev, 18 pp.

RUSSIAN, per, Zhur Vses Khim Obshchestvo
imeni D I Mendeleeva, Vol VI, 1961,
pp 629-635, 9682735

FTD-TT-62-1712

Sci-Chem
May 63

229,522

10 415

US-4
US-5

P. P. BUDNIKOV, S. G. TRESVYATSKII

Methods of high-temperature thermal analysis

Ogneupory (USSR), 20, No. 4, 166-173 (1955)

Lib. Comm. 747, M 1303, \$ 1.80 (ph), \$ 1.80 (mf), 60-15817,
English

E u r a t o m

Hydration of Dicalcium Ferrite, by P. P.
Budnikov, V. S. Gorshkov, 5 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXIII, No 6,
1960, pp 1246-1250.

CB

Sed.

Jun 61

158, 436

Contribution to the Problem of the Formation
of a Protective Crust on Refractory Linings,
by P. P. Budnikov, G. A. Soldatovskaya, B. I.
Shubin, 15pp
FOLIES, per, Chemical Weeklies, Vol 19, 1964,
No 6, pp 137-142
SIA TT-64-30617

P. P. Budnikov

Sci - Mat
May 67

327,453

The Reaction of $3\text{CaO} \cdot \text{Al}_2\text{O}_3$ and $4\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Fe}_2\text{O}_3$
with Calcium and Magnesium Carbonates, by P. P.
Budnikov, V. M. Kolbasov, A. S. Panteleyv, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5, 1959
pp 1104-.

CB

Sci

Oct 60

1301665

SLA: 61-13582

The Sintering of High Purity MgO, by P. P. Budnikov,
M. A. Marveyev, et al, 122pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIX, No 4,
1964, pp 872-875. 9226864
AEC-Tr-6537

Sci-Chem
Jun 65

281, 660

Magnesite Refractory With a High CaO Content,
by P. P. Budnikov, E. A. El'Rafii, 9 pp.

RUSSIAN, per, Ogneupory, No 7-8, 1963,
pp 371-377.

CB

Sci
May 64

258743

Titanium-Containing Forsterite Refractories,
by P. P. Budnikov, B. N. Bogomolov, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 10,
1959, pp 2139-2147.

CE

Sci

Sep 60

127,407

Causes of Premature Failure of Refractory Lining
and Arches in Locomotive Furnaces, by P. P.
Budnikov, M. A. Matveyev. UNCL

BUDNIKOV

RUSSIAN, per, Ogneupory, Vol. XI, No 6, 1946,
p 230.

DSIR LLU M.1126

(load)

UNCL

Scen - Ceramic Industries
Apr 60

112, 710

Study of the Hydration Rate of Magnesium Oxide
Calcined at Different Temperatures, by P. F.
Ponnikov, Kh. S. Vorob'ev, 5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 2,
1959, pp 2553-257

Consultants Bureau

Sci

Feb 1960

108,060

Interaction of Calcium Aluminates and Aluminoferrites
With Calcium Sulfate, by P. P. Budnikov,
V. S. Gorskov, 5 p.

RUSSIAN, per, Zhur Prii Khim, Vol XXXII, No 1,
1959, pp 21-25.

GB

Sci

Feb 60

106,962

An Investigation of Water-Rich Volcanic Glasses
and the Products of Their Expansion, by P. P.
Dudnikov, A. I. Polinkovskaya, 4 pp.

RUSSIAN, per. Dokl. Ak. Nauk SSSR, Vol. ^CXXII, 1958,
No 2, pp 209-.

Consultants Bureau

Sci

Jan 60

104, 736

The Study of Phase Transformation of Uranium
Oxides in Air, by P. P. Budnikov, S. G. Tresvetskiy,
V. I. Kushakovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
1959, p 85.

CIA/TDD X-4274

Sci - Chem
May 60

116,316

^{e e}
Achievements of Soviet Science in the Field of
Cement Chemistry and Problems of the Future,
by P. P. Buznikov, 10 pp.

^p
RUSSIAN, Paper Published in Reports of Symposium
on the Chemistry of Cements, 1956, pp 5-13.
^e

SLA R-3392

Sci

Aug 59

94, 107

Reaction in Solid State Between Silica and Lime,
and Between Burned or Unburned Kaolin and Lime,
by P. P. Dudnikov, D. P. Bobrovnik, 5 pp.

RUSSIAN, ^{er} ~~Ukrain~~ Khim Zhur, Vol XII, pp
190-196.

SLA R-2993

Sci

Jul 59

91, 407

Physico-Chemical Fundamentals of Ceramics, by
P. P. Budnikov, (Ed.)

RUSSIAN, bk, Fiziko-Khimicheskie Osnovy Keramiki,
Moscow: Special Symposium, 1956.

Suggested for Tr by United Kingdom
per memo from NSF (Theobald)
- 13 Jan 1959

Effect of Electrolyte Additions on the Hardening of
3 CaO : Al₂O₃, by P. P. Budnikov, R. D. Azelitskaya, 54

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 6, 1959,
pp 1181-1185.

CB

Sci -
Jul 60

121,038

Synthesis of Sodium Trisilicate in the Crystalline
State and a Study of its Properties, by P. P. Bud-
nikov and N. A. Matveev, 4 pp.

Full tr

RUSSIAN, thrice-no par, Dok Ak Nauk SSSR, Vol CVII,
No 4, p 547.

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41, 520

Cementing Properties of γ - $2\text{CaO} \cdot \text{SiO}_2$. P. P.
Budinikov and R. D. Azelitskaya, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 515-516.

Consultants Bureau

Chem
Jan 57 CTS

43,140

Beryllium Oxide and Its Properties, by F. Z.
Budnikov, R. A. Belyayev, 19 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXIII, No 9,
1960, pp 1921-1939.

CB

Sci

169,286

Sep 61

Expansion and Strength Losses in Hardening of
Cements, by P. P. Budnikov, I. V. Kravchenko,
8 pp.

RUSSIAN per, Zhur, Prik Khim, Vol XXXIII, No 11,
1960, pp ~~2399-2403~~.

2389-2398

CB

Sci

169, 427

Sep 61

Vacuumization of Ceramic Raw Materials, III.
Yield Stress and Inner Friction of Vacuumized
Clay, P. P. Budnikov, and I. A. Alperovich
12 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 11,
1954, pp 1194-1206. CIA C 41474

Consultants Bureau

Scientific - Chemistry
Apr 56 CIB/dex

32,956

Reaction of Lime and Portland Cement Hydration Products
With Rockwool Fibers, by P. P. Budnikov, K. E. Goryainov
6 pp.

Full tr

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVIII, No 8,
1955, pp 817-821. CIA C 42517 35,752

Consultants Bureau

Scientific - Chemistry
Jun 56/dex

Heat of Reaction of Calcium Hydroxide
with Kaolin, Aluminum Hydroxide or
Silicic Acid, to Various Temperatures,
by P. P. Budnikov and L. G. Gulinova,
14 pp.

RUSSIAN, per, Kolloid Zhur, Vol III, No
3, 1977/37, pp 195-207.

SLA R-2266

Sci

Aug 58

72,168

Influence of ~~Phosphoric~~ Phosphoric Acid
upon Clays, by P. P. Budnikov, M. I.
Nekrich and A. Kvitnitskiy, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol IX,
1936, pp 986-993.

SLA R-2243

Sci

Aug 58

72,221

On the Chemiam of Hydrothermal in Teraction
Between Clay and Lime, by P. P. Bidnikov, M. I
Khigerovich.

Specimen #1
RUSSIAN, Doklady Ak Nauk SSSR, Vol XCVI, 1954,
pp 141, 142.

United Kingdom Scientific Mission

UKSM Ref T.1483

SLA

Sci - Chemistry
Oct 57

54,459

Highly Refractory Chrome-Dolomite Concrete and Brick,
by P. P. Budnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LI, No 8, 1946,
pp 615-617.

Brutcher Tr No. 2225

16,719

Scientific - Chemistry

\$2.80

Refractory Materials in the Thermal Sublimation
of Phosphorus from Phosphorites, by P. P. Bud-
nikov, 7 pp.

RUSSIAN, per, Khimstroi, Vol VI, 1934, pp 341-
343.

SLA R-2505

Sci

Aug 58

72,830

Destruction of Grog Brick by Carbon Monoxide, by
P. P. Budnikov, 2 pp.

RUSSIAN, per, Novosti Tekhiki, No 26, 1934, pp 11.

SLA/R-2617

Sci
Apr 59

84, 965

Budnikov, P. P.
TECHNOLOGY OF CERAMICS AND REFRACTORIES.
1963, 760p
Order from Scripta Technica, Inc., 1000 Vermont
Ave., N. W., Washington, S. D. C.

Trans. of mono. [Tekhnologiya Keramika i Ogneuporov,
Moscow, 1962.
An unedited rough draft trans. of p. 374-396, 400-409,
421-429 is available from OTS \$2.25 as 63-11661,
FTD-TT-63-104, 18 Apr 63 [81p].

DESCRIPTORS: *Ceramic materials, *Refractory
materials, *Construction materials industry, Glass,
Cermets, Oxides, Staining, Ceramic coatings,
Physical properties, Chemical properties, Mechanical
properties.

(Materials--Ceramics, TT, v. 10, no. 12)

63-22679

I. Budnikov, P. P.
II. Scripta Technica, Inc.,
Washington, D. C.

63-22679

Office of Technical Services

Zeolites - Molecular Sieves, by P. P. Badnikov,
I. M. Petrovycha, 13 pp.

RUSSIAN, per, Priroda, No 7, 1963, pp 32-37.
9690501

FTD-TT-63-979 •

Sol. - M/M
Jan 64

248,664

Investigation of Gypsum of the Stalinogorsk
Gypsum Deposit, by P. P. Budnikov.

Handwritten: 4x
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 60, No 4,
1948, pp 635-636.

See Watford: Building Research Station.

Building Research Library. Coa No 462.

Sci Museum Lib No 50/3264 - London

Hydraulic Properties of Hydrothermically Treated Clay
and Lime Materials, by P. P. Budnikov,

RUSSIAN, ~~per~~ Dok. Akad. Nauk SSSR, Vol LXXIX, No 1,
1951, pp 109-112.

Insdoc T.829
Sci Tr Center

USSR

Scientific - ~~Engineering~~
Minerals/metals

Oct-2024
Nov 55
CTS/DEX

28,258

Indian Nat Sci Documentation Ctr
Nat. Physical Lab of India
Hillside Rd.
New Delhi-12, India

Clarification of Phase Diagram of Alumina-Silica
System, by P. P. Budnikov et al.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol Xciii,
~~SECRET~~, No 2, 1953, pp 281-283.

SLA 60-28007
Brutcher Tr 3219

DSIR LLU M.1333 (Dra.)

Scientific - Minerals/Metals

CTS/DEX

Price \$2.80

9290

The Theory of Acceleration of the Production of
Siliceous Building Materials through the
Addition of Crystalhydrates, by P. P. Budnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV,
1952, pp 1021-1024.

INSDOC-T1632

Sci
Aug 58

70,773

Expanding Portland Cement Without Formation
of Hydrosulfoaluminates, by P. P. Budnikov and
Z. S. Kosyreva, 15 pp.

RUSSIAN, per, Tsement, Vol XVIII, No 4, 1952,
pp 11-15.

SLA R-1497

Sci

Aug 58

69, 781

Working Diagram of the System KGC-CAT, by
P. P. Bafnikov, B. G. Trubiyatshiy, 2, 10 pp.

UNRAHCAH, per, Uraia Ehin Ehar, Vol XIX, 1958,
pp 552-555.

AEC 92 3578

Sci - Chem

May 59

86,147

The Greatest Constructions of the Stalin Epoch and the
Materials for Building Them, by P. P. Budnikov, 11 pp

Full translation.

RUSSIAN, per, Zhur Prik Khim, Vol XXIV, No 11,
Nov 1951, pp 1109-1121.

Consultants Bureau

USSR

Scientific - Engineering, constructions, materials

1039

Physical and Chemical Properties of Glazes
for High Voltage Porcelain, by V. P. Barzakovskiy,
S. K. Dubrovo, Ac. Sciences, 1953, 276 pp.,
reviewed by P. P. Budnikov, 3 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Prikl Khim, Vol XXVII, No 5,
1954, pp 573-575, Encl to Report No IR-475-55,
AA, London. /CIA D 191881

18 Mar 1955.

AP 656380

23,660

Scientific - Chemistry

May E 55 CTS/DEX

i
Sulphoaluminate, a Positive Factor in Expanding
Cement, by P. P. Budnykov and Z. S. Kosuireva,
4 pp.

Handwritten: LXI
RUSSIAN, Dok Ak Nauk SSSR, Vol 61, No 4, 1948,
pp 681-4.
~~BRL Comm No 489~~

Sci Museum Lib No 51/0376 - London

Sci - Chemistry

H 1112

Glazes, by P. P. Budnikov, V. P. Barzakovsky,
3 pp.

RUSSIAN, per, Steklo i Keramika, Vol ^X~~III~~,
No 11, 1956, pp 31-.

Consultants Bureau

Sci - Chem, Engr

Jun 59

90,551

Andrey Nikitich Sysoyev (1901-1959), by L. S.
Malinker, S. S. Urazovskiy, P. P. Budnikov,
Et et al, 10 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 9,
1960, pp 2130-2133.

JPRS 7474

USSR

153, 758

B106

Jun 61

Objects From Uranium Dioxide, by P. P. Radnikov,
A. S. Berzhenov, 7 pp.
RUSSIAN, bk, Tekhnologiya Keramiki i Ognesperov,
Gostroyizdat, 1962, pp 394-399. 96015-6

FTD-TT-63-1012

Sci - Chem
Mar 64

251,072

The Thermodynamics of the Modification of
Kaolinite Induced by Heating, by
P. P. Budnikov, O. P. Chedlov-Petrosyan,

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXXXIV, No 3, 1960, pp 349-350.

NIL M.3262

Sci - Chem, Engr

Feb 62

186,697